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PATENT

IN THE CLAIMS1
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The following amendments to the claims are made pursuant to the requirements of 37 C.F.R. § 1.121(c). A claim listing is provided beginning on the next page of this response.

Please cancel claims 1-16 without prejudice or disclaimer, as these claims are the subject of a restriction requirement.

Please AMEND the first occurrence of claim "22" and CANCEL the second occurrence of claim "22" as set forth below.

Please add new claims 32-39 as set forth below.

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1 1 - 16. (canceled)

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1 17. (previously presented) A method of content delivery operative in a content
2 delivery network on behalf of participating content providers, the content delivery network
3 comprising a set of content servers, and wherein participating content providers identify
4 given content to be delivered over the content delivery network, comprising:
5 having a participating content provider associate a content provider domain or
6 subdomain with a domain managed by a content delivery network service provider;
7 for a given piece of content, specifying, as metadata, a given content control
8 requirement;
9 communicating the metadata for the given piece of content to the set of content
10 servers;
11 resolving a client query to the content provider domain or subdomain to an IP
12 address of a given content server in the set of content servers using the domain managed
13 by the content delivery network service provider; and
14 at the given content server, applying the given content control requirement
15 specified in the metadata prior to serving the given piece of content.

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1 18. (previously presented) The method as described in Claim 17 wherein the
2 content provider domain or subdomain is associated with the domain managed by the
3 content delivery network service provider through a DNS canonical name.
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1 19. (previously presented) The method as described in Claim 17 wherein the
2 metadata is communicated to the set of content servers in a header.
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1 20. (previously presented) The method as described in Claim 17 wherein the
2 metadata is communicated to the set of content servers in a configuration file.
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- 1 21. (previously presented) The method as described in Claim 20 wherein the
- 2 configuration file is provisioned via an extranet application.

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1 22. (first occurrence, currently amended) The method as described in Claim 17
2 wherein the given content control requirement enforces a given authentication method or a
3 given access control method.
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5 22. (second occurrence, canceled)
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1 23. (previously presented) The method as described in Claim 17 wherein the
2 metadata is a request metadata component.
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1 24. (previously presented) The method as described in Claim 17 wherein the
2 metadata is a response metadata component.
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1 25. (previously presented) A method of content delivery operative in a content
2 delivery network on behalf of participating content providers, the content delivery network
3 comprising a set of content servers, and wherein participating content providers identify
4 given content to be delivered over the content delivery network, comprising:

5 having a participating content provider alias a content provider domain to a domain
6 managed by a content delivery network service provider, wherein the content provider
7 domain is part of a URL identifying a given piece of content published by the participating
8 content provider;

9 for the given piece of content, specifying, as metadata, a given content control
10 requirement;

11 resolving a client query to the content provider domain to an IP address of a given
12 content server in the set of content servers using the domain managed by the content
13 delivery network service provider; and

14 at the given content server, applying the given content control requirement
15 specified in the metadata prior to serving the given piece of content.

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- 1 26. (previously presented) The method as described in Claim 25 further
2 including the step of communicating the metadata to the set of content servers.
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1 27. (previously presented) The method as described in Claim 26 wherein the
2 metadata is communicated to the set of content servers via a configuration file.
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1 28. (previously presented) The method as described in Claim 25 wherein the
2 given content control requirement invokes a security mechanism.
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1 29. (currently amended) The method as described in Claim 25 wherein the
2 given piece of content is one of: a markup language page, an embedded object of a markup
3 language page, a media file, and a software download.
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1 30. (currently amended) The method as described in Claim ~~25~~ 17 wherein the
2 given piece of content is ~~an embedded object of a markup language page~~ one of: a markup
3 language page, an embedded object of a markup language page, a media file, and a
4 software download.
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1 31. (previously presented) The method as described in Claim 25 wherein the
2 alias is a DNS canonical name (CNAME).

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1 Please add the following new claims:

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- 1 32. (new) The method as described in Claim 17 wherein the metadata is
- 2 communicated to the set of content servers in one of: a request string, a header, and a
- 3 configuration file.

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1 33. (new) A method of content delivery operative in a content delivery
2 network on behalf of participating content providers, the content delivery network
3 comprising a set of content servers and a domain name service (DNS), and wherein a
4 participating content provider identifies given content to be delivered over the content
5 delivery network by aliasing a content provider domain or subdomain to a domain
6 managed by a content delivery network service provider, comprising:
7 for a given piece of content, specifying, as metadata, a given content control
8 requirement to be applied to the given piece of content when the given piece of content is
9 served from the content delivery network;
10 communicating the metadata for the given piece of content to the set of content
11 servers in the content delivery network;
12 resolving a client query to the content provider domain or subdomain to an IP
13 address of a given content server in the set of content servers by having the domain name
14 service resolve the domain managed by the content delivery network service provider;
15 at the given content server, applying the given content control requirement
16 specified in the metadata; and
17 serving the given piece of content from the given content server after the given
18 content control requirement has been applied.

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1 34. (new) The method as described in Claim 33 wherein the metadata is
2 communicated to the set of content servers in the content delivery network by one of: a
3 request string, a header, and a configuration file.
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1 35. (new) The method as described in Claim 34 wherein the configuration file
2 is provisioned via an extranet application.
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1 36. (new) The method as described in Claim 33 wherein the given content
2 control requirement enforces a given authentication method.
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1 37. (new) The method as described in Claim 33 wherein the given content
2 control requirement enforces a given access control method.
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- 1 38. (new) The method as described in Claim 33 wherein the given content
- 2 control requirement invokes a security mechanism.
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1 39. (new) The method as described in Claim 33 wherein the given piece of
2 content is one of: a markup language page, an embedded object of a markup language
3 page, a streaming media file, and a software download.